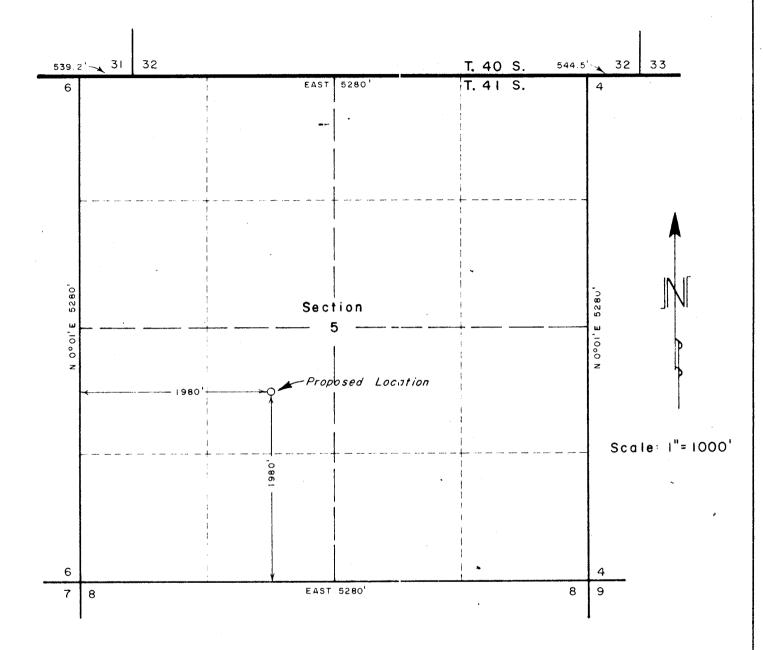
RLE NOTATIONS	
	110
Entered in NID File	Checked by Chief MB
Entered On S R Sheet	Copy NID to Field Office
Location Map Pinned	Approval Letter
Card Indexed	Disapproval Letter
I W R for State or Fee Land	
COMPLETION DATA:	
Date Well Completed 10/17/46	Location Inspected
OW FWW TA	Bond released
GW OS PA	State of Fee Land
LOGS FI	
Dr 1 r's Log 11/25/66	
Electric Logs (No. )	
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Form approved. Budget Bureau No. 42-R1425.

	DEDARTMENT	OF THE INTER	IOR		5 THE OF PROCESS AND SERVICE AND
					5. LEASE DESIGNATION AND SERIAL NO.
		GICAL SURVEY		1 011	14-20-603-708 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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la. Type of Work	. 17"	DEEDEN!	DI LIC DAC	v 🗀	Navajo Tribal 7. UNIT AGREEMENT NAME
	L 🖾	DEEPEN [	PLUG BAC	.к 📖 .	TB 실명 - 우리 화 - 첫글중
b. TYPE OF WELL		811 20	NGLE X MULTIPL	<b>™</b> □ ૅ	S. FARM OR LEASE NAME
WELL X WE	LL OTHER	20	NE ZZI ZONE		So. Ismay
				د د :	9. WELL NO.
Monsanto Con 3. address of operator	ipany			.70	
OOO Pottere	n Building <b>D</b> e	nver Colorado	80202	6	10. FIELD AND POOL, OR WILDCAT
1. LOCATION OF WELL (Re	port location clearly and	nver, Colorado in accordance with any S	tate requirements.*)	14) (8)	McElmo Mesa
At surface	201 1111 0 1080	TACIT		S.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone	30' FWL & 1980	TGI			][활 [화폭 기울 기문 기문화왕
Vertical Hol	.e				Sec. 5, T41S, R26E
4. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POST OFFICE	14	107 107	12. COUNTY OF PARISH 13. STATE
5 miles Sout	h of Ismay Tra	ding Post	. OF ACRES IN LEASE	ी 1 17 अट	San Juan Utah
15. DISTANCE FROM PROPOS LOCATION TO NEAREST		1		TO 7	THIS WOLL
PROPERTY OR LEASE LI (Also to nearest drlg.	unit line, if any)	1980'	2,560		80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
18. DISTANCE FROM PROPO TO NEAREST WELL, DR	ILLING, COMPLETED,		OPOSED DIPTH	<u> </u>	ARY OR CABLE TOOLS
OR APPLIED FOR, ON THIS		1495	6,050 Ismay	1 R	Otary 22. APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whe				8 E	
5185 GL est				M 1 41	September 16, 1966
23.	I	ROPOSED CASING AND	CEMENTING PROGRA	M o	
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and sufficie	ently cemented	to confine all	oil, gas and wa	iter b	earing strata. Fig.
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District OII	nce in Farming	ton, New Mexico	and the our d	das C	
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IN ABOVE SPACE DESCRIBE	PROPOSED PROGRAM: If	proposal is to deepen or p	olug back, give data on pr	resent pro	ductive zone and proposed new productive
one. If proposal is to	irill or deepen direction:	lly, give pertinent data o	n subsurface locations ar	id measur	ed and true vertical depths. Give blowout
preventer program, if any	$\frac{1}{2}$			3	
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SIGNED /	My AN	TITLE	district Product	TOIL S	September 13, 196
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<i>y</i>			AMPROVAT DAMP	. 3	
ON THE MARK			APPROVAL DATE		

\*See Instructions On Reverse Side

APPROVED BY \_\_\_\_\_\_CONDITIONS OF APPROVAL, IF ANY:



### WELL LOCATION: Monsanto Company — South Ismay No. 5

Located 1980 feet North of the South line and 1980 feet East of the West line of Section 5, Township 41 South, Range 26 East, Salt Lake Base & Meridian. San Juan Co., Utah Existing ground elevation determined at 5178 feet based on U.S.G.S.

i hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Trederich HReed

FREDERICK H. REED
Registered Land Surveyor
State of Utah # 2689

MONSANTO COMPANY Denver, Colorado

WELL LOCATION PLAT Sec. 5- T. 41 S.- R. 26 E. San Juan Co., Utah

CLARK-REED & ASSOC. Durango, Colorado DATE: Sept. 13, 1966 FILE NO: 66078

## STATE OF LEAN DEPARTMENTAL MEMORANDUM

DATE:

:HJIH

Prom DEPARTMENT

DIVISION

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THE STATE STRATE

MOS IS

SUBJECT:

September 14, 1966

Monsanto Company 900 Patterson Building Denver, Colorado 80202

> Be: Well No. South Ismay #5, Sec. 5, T. 41 S., R. 26 E., San Juan County, Utah

#### Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 109-1, on March 11, 1965.

In reviewing your proposed casing program, it was noted that no intermediate string is to be set. In view of the navajo water mining activity that is taking place throughout the area, it is recommended that all necessary protection be afforded this aquifer.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to <u>immediately</u> notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer HOME: 277-2890 - Salt Lake City, Utah OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period.

## Simie of Grai

Monsanto Company 900 Patterson Building Denver, Colorado 80202

DATE:

FILE:

Page two

hrem DEPARTMENT

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SUBJECT:

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20134 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

(LEON B. FEIGHT EXECUTIVE DIRECTOR

CBF:ah

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Box 959
Farmington, New Mexico

November 15, 1966

Monsanto Company 900 Patterson Building Denver, Colorado 80202

> Re: Well No. South Ismay #5, Sec. 5, T. 41 S., R. 26 E., San Juan County, Utah.

> > For the Month of Gotober, 1966

#### Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON CAMERON SECORDS CLERK

arh

Enclosures: Forms

6

Form 9-331 (May 1963)		JI D STAT		Withou instruction		form approved.  Budget Bureau No.		<u>.</u>
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\*(See Instructions and Spaces for Additional Data on Reverse Side)





FORM OGCC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

### REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name	& Num	ber so. Ismay	, #s					
WOLL IVE	<b>Q.</b> 1(G	DO ISMA	<u> </u>	<del></del>	900 Patters	on Bldg		
Operator	Mones	into Company		Address	Denver, Col	_		256/17
operacor_	MOTISC	aroo company		_Address_	P. 0. Box 2		_1 none	<u></u>
Contracto	r Cact	ous Drilling Co	orporation	_Address_	Farmington,		Phone 32	5-6631
Location N	VE & SW	<u> </u>	41 XX R. 26		San Juan	· · · · · · · · · · · · · · · · · · ·	Cou	nty, Utah.
Water San	ds:		S	XX				
	Dер	th		Volume			Quali	t <b>v</b>
	<u> </u>		•				3	<del></del> _
From		То	Flow	Rate or	Head	I	Fresh or S	Salty
1. Top Na	avajo ]	<u> 335-1580</u>	Not	Measure	1	]	Not Avail	able
2. Top <b>D</b> e	Chelly	3070-3140	Not	Measured	1		Not Avail	able
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4.								
5.	<del>- 1</del>				· ·		,	***************************************
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Formation	Tops:							
		Hermosa Upper Ismay Lower Ismay	4900 5823 5924		om Ismay ert Creek	5974 6020 6036		
Remarks:		was a summy	)) <u>-</u> -	1.10		0000		
NOTE:	<b>(</b> b)	Upon diminishi Report on this Regulations an	form as pro	vided for	in Rule C-	20, Gene	eral Rules	and
		If a water ana						

forward a copy along with this form.



### Monsanto COMPANY



HYDROCARBONS & POLYMERS DIVISION

900 Patterson Building Denver, Colorado 80202 (303) AComa 2-5641

December 1, 1966

The State of Utah Oil & Gas Conservation Commission 348 East South Temple - Suite 301 Salt Lake City, Utah 84111

Attention: Mr. Cleon B. Feight Executive Director

Re: Gas-Oil Ratio Test

Monsanto-S. Ismay No. 5

McElmo Mesa Pool

San Juan County, Utah

### Gentlemen:

In compliance with Rule C-19, the following is the gas-oil ratio test on the recently completed S. Ismay No. 5.

Date:

November 1, 1966

Test Time:

24 Hours - Flowing

BOPD:

637 V

MCFPD:

697 🗸

GOR:

1094:1 ~

Percent Water:

15% ~

Flowing Tubing Pressure:

290 psi

1020 psi

Flowing Casing Pressure:

Very truly yours,

MONSANTO COMPANY

EMS:rp

STATE OF UTAH

SUB IN TRIPLICATE\*
(Other instructions on reverse side)

DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. 21-000708
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTES OR TRIBE NAME Navajo
OIL GAB WELL OTHER Shut-in Oil Well	7. UNIT AGREEMBNT NAMB
and recrotedin company the:	8. FARN OR LEASE NAME South Ismay
5613 DTC Parkway, Suite 600, Englewood, CO 80DIVISION OF	9. WELL NO. 5 (09085)
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements with the see also space 17 below.)  At surface	10. FIELD AND POOL, OR WILDCAT  McElmo Mesa
Sec. 5-41S-26E	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  5-41S-26E
14. PERMIT NO.  4303720134  15. BLEVATIONS (Show whether DF, RT, QR, etc.)	San Juan Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	BQUENT REPORT OF:
FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  PULL OR ALTER CASING  MULTIPLE COMPLETE  ABANDON*  CHANGE PLANS  WATER SHUT-OFF  FRACTURE TREATMENT  SHOOTING OR ACIDIZING  (Other)  Name Chan  (Note: Report resu	ilts of multiple completion on Well
(Other) Completion or Recoil  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data	mpletion Report and Log form.)

Monsanto Oil Company acquired by BHP Petroleum Company Inc.

18. I hereby certify that the foregoing is true and correct						
SIGNED Sward A. Wirth	TITLE	Regional Land	Manager	DATE _	May 30, 198	36
(This space for Federal or State office use)					·	
APPROVED BY	TITLE _		·	DATE .		

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUBMIT OF TRIPLICATES
(Other instructions on reverse side)

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WARD of POTRATOR  Cross Creek Corporation  South Ismay  In section of with any State requirements.  Hell of the Mesa  It sects t	Cross Creek Corporation  South Ismay  In section of orealists  #1-660' FNL & 660' FEL/MDW  #3-1847' FSL & 895' FEL/POW  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  South Ismay  South Ismay  McElmo Mesa  South Ismay  In section  McElmo Mesa  South Ismay  McElmo Mesa  South Ismay  In section  McElmo Mesa  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  South Ismay  In section  McElmo Mesa  South Ismay  In section  McElmo Mesa  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  South Ismay  In section  McElmo Mesa  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  South Ismay  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  McElmo Mesa  In section  South Ismay  McElmo Mesa  In section  McElmo Mesa  In sectio	CM APPLICATION FOR PERI	MIT—" for such propossis.)	" Navajo <b>U9U1U</b>
South Ismay  South Ismay  POR Roy Add Perminotrum N 87A00 0447  Figure 11 below:  #1-660' FPIL & 660' FPIL/WDW  #3-1847' FSL & 895' FPIL/POW  FRANKE NO. 33-037-0013 Is substitute (Show whether or. st. on. etc.)  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  SOUTH STRONG NATURE STROTT OF TAINING (Show whether or. st. on. etc.)  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  SOUTH STROTT OF STRUCTURE TO PRESENT OF STRUCTURE COMPLETE  AAADOON*  TEST WATER SEND-OFF  PARCETER FRANT  AAADOON*  CHANGE TRANSFORM OR ACIDIES  MACCIFFED OFFASTIONS (Clearly state all pertinent details, and give pertinent dates, including seminate one Wall  #4-1833' FNL & 1968' FPL/OSI  #5-1951' FSL & 1983' FWL/OSI  Formerly operated by:BHP Petroleum (Americas) Inc.  SUITE 600  5613-DTC Parkway  EFF. 7/20/87  PRICE FIVED  'AUG 7 3 1987  DIVISION OF OIL  GAS & MINING  **Bereits the true state for foregoing is true and occurrent  PARCE STROTT TO THE STROTT OF STROTT	SOUTH A STATE SECTION STATES THE SECTION STATES AND STA			7. UNIT AGREEMENT NAME
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SOUTH ISMAY  P. O. W. A. T. Exemination. N. M. 87.00 0.447  See also page of 1 below; too tion dearly and in accordance with any state requirements.*  #1-660' FNL & 660' FEL/NDW  #3-1847' FSL & 895' FEL/POW  PRAMIT NO. J. O. STATE AND UTAN  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERNATION TO:  NOTICE TREAT  ANAPON'  FRANCIURE TREAT  ANAPON'  FRANCIURE TREAT  ANAPON'  FRANCIURE TREAT  ANAPON'  FRANCIURE TREAT  ANAPON'  CHANGE FLANS  (Other) Change of Operator  CHANGE FLANS  (Other) Change of Operator  CHANGE FLANS  (Other) Change of Operators  CHANGE FLANS  (Other) Change of Malle flat	SOUTH ISMAY  P. D. B. A. A. T. F. F. F. T. A. A. A. T. F. F. F. T. A. A. A. T. F. F. F. T. A. A. T. F. F. F. T. A. A. T. F. T. T. T. F. T.	Cross Creek Corporation		
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#1-660' FNL & 660' FEL/WDW  #3-1847' FSL & 895' FEL/POW  TEAMIT 30. 3.37 . 0013 II. RESYNTIONS (Show whether of, NT, GR. etc.)  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTERTION TO:  THAT WATER SEUT-OFF  POLL OR ALTER CASING MCLITTLE COMPLETE ARANDON' RECTURE TREAT WITTERS SEUT-OFF  POLL OR ALTER CASING MCLITTLE COMPLETE ARANDON' RECTURE TREAT OTHER OF OPERATORS (Clearly state all pertinent details, and give pertinent dates, including entrated and true vertical depths for all markers and zones  #4-1833' FNL & 1968' FEL/OSI  Formerly operated by: BHP Petroleum (Americas) Inc.  Suite 600  (Aug 19 1987  DIVISION OF OIL GAS & Minning  hereby certify that the foregoing is true and convect.	#1-660' FNL & 660' FEL/MDW  #3-1847' FSL & 895' FEL/POW  TELLIZ FOL & 895' FEL/POW  THE STATE AND A STATE	See also space 17 below.)	rdance with any State requirements."	10. FIELD AND FOOL, OR WILDCAT
#3-1847' FSL & 895' FEL/POW  5-418-26E  12. COUPTY OR PARISH   15. STATE ACCL#395  Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data  NOTICE OF INTENTION TO:  TERT WATER SEUT-OFF PRACTURE TREAT SHOOT OR ACIDITE ALAMOON*  CHANGE PLANS  CHANGE SHOULD OF	THE WILL SOLVE PLANT OF COLORS OF THE CONTROL OF THE STATE OF A STATE OF CALIFOR A STATE OF CASE OF THE STATE OF COLORS OF COL			
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PRACTURE TREAT  SMOOT OR ACIDIZE  ABANDON*  CHANGE PLANS  (Other)  CHANGE PLANS  CHANGE	PRACTURE TREAT  SMOOT TO ACIDIES  ASARDOM*  CHANGE PLANS  COTHER CONTINUES THAT SHOOTING OR ACIDIEND  CHANGE OF OPERATIONS RICHARD CHANGE PLANS  COTHER PRIMARSHOOD ACCUMULATED OPERATIONS (ICLurly state mill perthent details and give pertisent details and give pertisent depths for all darkers and zones  #4-1833' FNL & 1968' FEL/OSI  #5-1951' FSL & 1983' FWL/OSI  Formerly operated by:BHP Petroleum (Americas) Inc.  Suite 600  5613 DTC Parkway  Englewood, Colorado 80111  Now operated by: Cross Creek Corporation  P.O. Box 447  Farmington, N.M. 87499-0447   EFF. 7/20/87  RECEIVED  'AUG 191987  DIVISION OF OIL  GAS & MINING  I breeby certify that the foregoing is true and correct  MIGNED  TITLE Vice President  DATE 2-17-87	TEST WATER SHUT-OFF		
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Suite 600 5613 DTC Parkway Englewood, Colorado 80111 Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 191987  DIVISION OF OIL GAS & MINING	Suite 600 5613 DTC Parkway Englewood, Colorado 80111 Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 19 1987  DIVISION OF OIL GAS & MINING  Chereby certify that the foregoing is true and correct  NIGNED  TITLE Vice President  DATE 2-12-87	#5-1951' FSL & 1983' FWL/OSI	I .	
Englewood, Colorado 80111  Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  'AUG 19 1987  DIVISION OF OIL GAS & MINING	Englewood, Colorado 80111  Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 79 1987  DIVISION OF OIL GAS & MINING	Formerly operated by:BHP Pet	roleum (Americas) Inc.	•
Englewood, Colorado 80111  Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 191987  DIVISION OF OIL GAS & MINING	Englewood, Colorado 80111  Now operated by: Cross Creek Corporation P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 191987  DIVISION OF OIL GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED TITLE Vice President  DATE 2-17-87			
P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 191987  DIVISION OF OIL  GAS & Mining	P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  'AUG 19 1987  DIVISION OF OIL GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED 1 1 1 2 - 17-87	Englewood, Colorado 80111		
P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  AUG 191987  DIVISION OF OIL  GAS & Mining	P.O. Box 447 Farmington, N.M. 87499-0447  EFF. 7/20/87  RECEIVED  'AUG 19 1987  DIVISION OF OIL GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED 1 1 1 2 - 17-87	Now operated by : $Cross Cre$	ek Corporation	
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AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  Thereby certify that the foregoing is true and concrete	AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED A Late Market Vice President  DATE 2-17-87	EFF. 7/20/87		
AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  I hereby certify that the foregoing is true and concret	AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED A J. Ata TITLE Vice President  DATE 2-17-87	-		
AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  I hereby certify that the foregoing is true and concret	AUG 7 9 1987  DIVISION OF OIL  GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED A J. At a TITLE Vice President DATE 2-17-87			
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DIVISION OF OIL GAS & MINING  I hereby certify that the foregoing is true and contrect	DIVISION OF OIL GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED TITLE Vice President DATE 2-17-87			·
GAS & MINING  I hereby certify that the foregoing is true and cogrect	GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED TITLE Vice President DATE 2-17-87		'AUG '191	1987
GAS & MINING  I hereby certify that the foregoing is true and cogrect	GAS & MINING  I hereby certify that the foregoing is true and correct  SIGNED TITLE Vice President DATE 2-17-87	$\Delta = \frac{1}{2} \Delta$	DIVISION OF	OIL
	SIGNED AL STEE Vice President DATE 2-12-87			
	SIGNED AL STEE Vice President DATE 2-12-87			
SIGNED AJ. Hand TITLE Vice President DATE 9-17-87		I hereby certify that the foregoing is true and correct		
DAIR		SIGNED AJ. Ha	TITLE Vice President	DATE 0-17-87
(This case for Faders) or flate offer and	(Amin space for a scattle of Refs omcs and)	(This area for Federal as Santa as		DALE & S

(3/89)

## DIVISION OF OIL, GAS AND MINING

		14-20-693-708
SUNDRY NOTICES AND REPO	RTS ON WELLS	6. IF INDIAN. ALLOTTEE OR TRIBE NAM
Use "APPLICATION FOR PERMIT"		Navaĵo Tribal Lease
		7. UNIT AGREEMENT NAME
WELL GAS OTHER	MEGREROR.	
NAME OF OPERATOR		E FARM OR LEASE NAME
Cross Creek Corporation		1 <b>01</b> 000
ADDRESS OF OPERATOR		South Ismay
D O Port 1057 Dimon Oklahama 7353/	JAN 18 1990	Jaj WELL NO.
P.O.Box 1957 Duncan, Oklahoma 73534  LOCATION OF WELL (Report location clearly and in accordance with any	State requirements	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.)	Lindina co	
At surface 1951 FSL 1983 FWL	CL. C. L. & P. Mario	McElmo Mesa
At proposed prod. zone		11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA
		NESW 5,41S,26E
API NO. IIS. ELEVATIONS (Show w		
API NO. 15. ELEVATIONS (Show wi	netner Dr., KT, GR., etc.)	12. COUNTY 13. STATE
43-037-20134		San Juan Utah
Check Angropriate Rox To Ind	icate Nature of Notice, Report or Ot	hae Nata
NOTICE OF INTENTION TO:	SUBSEC	UENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL CHANGE PLANS	(Other)	
	(Note: Report results	of multiple completion on Well
Annual Report of Shutin Well	Completion or Reco	mpletion Report and Log form.)
APPROX. DATE WORK WILL START	DATE OF COMPLETION	
Water oil ration requires a water disposal v	well which will be Navajo ''A''	l or 3 which needs repair
at this time.		
		OIL AND GAS
		DRN RUF
		JRS I GLH
		DTS SLS
		The second secon
		0-76
		O-N2
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		. [27
. I hereby certify that the foregoing is true and correct		
	Drendstord on Clarks	1/12/00
SIGNED TITLE	Production Clerk	DATE
(This space for Federal or State office use)		
v		
APPROVED BY TITL	Ε	DATE
CONDITIONS OF APPROVAL, IF ANY:		
Federal Approval of this	O - P C'	
Action is Necessary See Instruction	ons On Reverse Side	

## STATE OF UTAH DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS AND REPORTS ON WELLS AND REPORTS ON WELLS AND REPORTS ON WELLS AND REPORTS ON THE RESERVE.  One and use this form for proposals to design or plut back to a different reservoir.  One and we this form for proposals to design or plut back to a different reservoir.  One and we this form for proposals to design or plut back to a different reservoir.  IN ADDRESS A MINING.  Cross Creek Corporation  Cross Creek Cor		14-20-603-708
ENAMED POTENTIAN  CROSS Creek Corporation  ADDRESS OF OPERATOR  CROSS Creek Corporation  ADDRESS OF OPERATOR  P.O. BOX 1957, Duncan, Ok. 73534-1957  LIDEATION OF WILL Haven bendess dearly and a secondars with any State resource.  Cross Creek Corporation  Cross Creek Corporation  ADDRESS OF OPERATOR  P.O. BOX 1957, Duncan, Ok. 73534-1957  LIDEATION OF WILL Haven bendess dearly and a secondars with any State resource.  Cross Creek Corporation	(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.	
Cross Creek Corporation  Indicases of operation  Indic	WELL GAS Stock Tank Vapor Test	7. UNIT AGREEMENT NAME
P.O. Box 1957, Duncan, Ok. 73534-1957  LOCATION OF WELL (Remon instance desir) and in secondary and in secon	Cross Creek Corporation UN GAS & MANU	South Ismay
Cross Creek Corp  1. SEC. T. R. M. ON BEK. AND  1. SEC. T. R. C. S. T. S.  1. SEC. T. R. C. S.  1. SEC. T. S. S.  1. SEC. T. R. C. S.  1. SEC. T. S. S.  1.	P.O. Box 1957, Duncan, Ok. 73534-1957	
43-037-20072 South farmy #3-PW  43-037-20134 South famoy #4 - SOW TE OF Notice, Report or Other Data  SUBSTRUCTOR TRAINING WELL  43-037-20087 South famoy #4 - SOW TE OF Notice, Report or Other Data  SUBSTRUCTOR TRAINING WELL  43-037-16269 South famoy #1 - WIW SHOTON OR ACIDITING  43-037-20117 Navaje A-1 - WIW  43-037-20117 Navaje A-3 - WIW  DATE OF COMPLETION 12-17-90  All pertinent details, and give pertinent dates, including estimated date of locations and measured and true vertical depths for all markers and zone  49-037-20164 No. 6322762  Gastee Precision Gas Protector System  Gas Analysis H2S  Extra Low Range 10 to 120 PPM  Produced Water Tank #2 21 PPM  Produced Water Tank #1 13 PPM  Produced Oil Tank 3 PPM  Vent SW#1 SW#2  Overflow Vent TREATER   Overflow Vent TREATER  III. I hereby escully that the foregoing is true and correct  SIGNED Adrama Adama Title  Clerk  DATE  12-19-90		· ricelmo mesa ·
12. COUNTY San Juar UT.  13. COUNTY San Juar UT.  142-037-20087		SURVEY OR AREA
#3-037-16269 South Jamay #1 - WIW FRACTURE TREATMENT ALTERNOONS ACCIDITING SHOOTS OR ACCIDITI	<b>V</b>	
WATER SHUT-OFF    SHOOTING OF A ADDIZING   ALTERING CASING   ADARDONNEY*   ADDIZING   ADDIZING   ADDIZING   ADARDONNEY*   ADDIZING	43-037-20087 South Lamay #4 - Sow re of Notice, Report or Ot	her Data
(Vote: Report results of multiple completion on Well Completion of Recompletion on Near Completion of Recompletion of Recomple	WATER SHUT-OFF  43-037-16269 Society Damay #1 - WIW FRACTURE TREATMENT SHOOTING OR ACTORIZING	REPAIRING WELL  ALTERING CASING  Jank ABANDONMENT*
# Must be accompanied by a cement verification repor  * Must be accompanied by a cement verification repor  # Must be accompanied by a cement verification report  # Must be accompanied by a cement verification report  # Must be accompanied by a cement verification report  # Must be accompanied by a cement verification report  # Must be accompanied by a cement verification report  # Must be accompanied by a cement verificat	13-037-20117 Navajo A-1 - WDW (Vote: Report results Completion or Recor	of multiple completion on Well appletion Report and Log form.)
Pertinent to this work.)  **Must be accompanied by a cement verification report  **Aust be accompanied by a cement verification report  **Gas Analysis H2S  Extra Low RAnge 10 to 120 PPM  Produced Water Tank #2 21 PPM  Produced Water Tank #1 13 PPM  Produced Oil Tank 3 PPM  Vent  SW#1  SW#2  Overflow*Vent  TREATER  Vent  Oil  **Must be accompanied by a cement verification report  **Australian System  **Clerk  DATE  12-19-90		
Kiva Measuring, Inc. 49 Road 5500 Bloomfield, N.M. 6322762  Gastec Precision Gas Protector System Gas Analysis H2S Extra Low RAnge 10 to 120 PPM  Produced Water Tank #2 21 PPM Produced Water Tank #1 13 PPM Produced Oil Tank 3 PPM  Vent SW#1 SW#2  Overflow Vent  TREATER  Vent Oil  18. I hereby certify that the foregoing is true and correct SIGNED Alarma. Harmal TITLE  Clerk  DATE  12-19-90	locations and measured and tr	
Gas Analysis H28 Extra Low RAnge 10 to 120 PPM  Produced Water Tank #2 21 PPM Produced Water Tank #1 13 PPM Produced Oil Tank 3 PPM  Vent SW#1 SW#2  Overflow Vent TREATER  Vent Oil  18. I hereby certify that the foregoing is true and correct SIGNED Marms Haml TITLE Clerk  DATE	Kiva Measuring, Inc. 49 Road 5500	panied by a cement verification repor
Produced Water Tank #1 13 PPM Produced Oil Tank 3 PPM  Vent SW#1 SW#2  Overflow Vent TREATER  Vent Oil  18. I hereby certify that the foregoing is true and correct SIGNED Marks. Hard TITLE Clerk  DATE  12-19-90	Gas Analysis H2S	
Vent Oil  Nereby certify that the foregoing is true and correct  SIGNED Alarma Hand TITLE  Overflow Vent  Pit  Clerk  DATE  12-19-90	Produced Water Tank #1 13 PPM	· .
18. I hereby certify that the foregoing is true and correct  SIGNED Allrana Harry TITLE  Clerk  DATE  12-19-90		TREATER
18. I hereby certify that the foregoing is true and correct  SIGNED Allrana Harry TITLE Clerk  DATE 12-19-90		
18. I hereby certify that the foregoing is true and correct  SIGNED Jarma Harry TITLE Clerk  DATE	Vent Oil Pit	
(This space for Federal or State office use)	18. I hereby certify that the foregoing is true and correct	
	(This space for Federal or State office use)	

## STATE OF UTAH DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals in deliver to despose or plug back to a different reservoir.  (Do not use this form for proposals in deliver to despose or plug back to a different reservoir.  (Do not use this form for proposals in deliver to despose or plug back to a different reservoir.  (Do not use this form for proposals and deliver to despose or plug back to a different reservoir.  (Date of the proposals and deliver to despose or plug back to a different reservoir.  (Date of the proposals and deliver to despose or plug back to a different reservoir.  (Date of the proposals and deliver to despose or plug back to a different reservoir.  (Date of the proposals and the proposals and deliver to despose or plug back to a different reservoir.  (Date of the proposals and deliver to proposals and deliver to proposals and the pro				5. LEASE DESIGNATION & SERIAL NO. 14-20-603-708
WELL GAS WILL OTHER ANNUAL REPORT OF Shutin Wells  1. PARMOR LEASE NAME  2. PARMOR LEASE NAME  SOUTH ISMAY/NAVAjo'/  1. ADDRES OF OFLEATER  P. O. BOX 1957 Duncan, Ok. 73534  1. DORATON BOX 1957 Duncan, Ok. 73534  1. LOCATION BOX 1957 DUNCAN, OK.	(Do not use this form for proposals to drill or to c	deepen or plug back to a di	fferent reservoir	6. IF INDIAN, ALLOTTEE OR TRIBE NAM
Cross Creek Corporation  Cross Creek Corporation  South Ismay/Navajo'/  P.O. Rox 1957 Duncan, Ok. 73534  Location of the Corporation decorporation of the Corporation	L OIL GAS G	•		
LADORESS OF OFFEATOR  1. ADORESS OF OFFEATOR  1. SOUTH Ismay/Navajo'/A  1. DORATION OF OFFEATOR  1. SULEND.  1. SULEND.  1. SULEND.  1. MEELIND. MILECAT  1. MEELIND MOSS  1. MEELIND. MOSS  1. SULENT OFF.  1. SAID, JURI  1. SAID M.  4303720134  5. VILORA ALTER CASING  MULTIFIC OF INITIATION TO.  TEST WATER SHUT-OFF  FRACTURE TREATMENT  SHOOT OR ACIDIZE  ARANDOM  REPAIR WELL  COMMY  ANNUAL REPORT OF Shuttin Walls  COMMY  ANNUAL REPORT OF Shuttin Walls  REPAIR WELL  1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly sate all pertinent details, and give partinent dates, including sellmated dates, standing any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and two pertinant to this work.)  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification reportment of the Navajo 'A' 1 or  **Must be accompanied by a cement verification of the Navajo 'A' 1 or  **Mu	2. NAME OF OPERATOR	Report of Bhuti	II WELLS	8. FARM OR LEASE NAME
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A PROVED BY WELL (Report heatens distry and is reconstance with any State requirement.  As a proper of the place of the pl	3. ADDRESS OF OPERATOR .		•	
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## DIVISION OF OIL, GAS AND MINING

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43-037-20134.		,	San Juan Ut
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ADDRESS OF OPERATOR			South Ismay/Navajo'
Cross Creek Corporation			8. FARM OR LEASE NAME
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OIL GAS OTHER Annual I	Report of Shu		1. UNITAGREEMENT NAME
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## STATE OF UTAH DIVISION OF OIL, GAS AND MINING

•	S. LEASE DESIGNATION & SERIAL N
	14-20-603-708
SUNDRY NOTICES AND REPORTS	ON WELLS
(Do not use this form for proposals to drill or to deepen or plug	back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for s	nch proposals.)  7. UNIT AGREEMENT NAME
OIL GAS OTHER	I. UNIT ACREEMENT NAME
NAME OF OPERATOR	8. FARM OR LEASE NAME
Cross Creek Corporation	
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Danna Harrie	DIVISION OF OIL GAS & MINI
SIGNED JOHN DANG TITLE	DIVISION OF OIL GAS & MINII  Clerk DATE 7/18/92
	DIVISION OF OIL GAS & MINI

### STATE OF UTAH DIVISION OF OIL, GAS AN() MINING

PHONE CONVERSATION	ON DOCUMENTATION	N FORM	
✓ This is the original form □ or a copy □			
Proute this form to:  WELL FILE  Section Township Range  API number	SUSPENSE Return date To: initials		XX OTHER OPERATOR FILE CC: JRB
Date of phone call: <u>2-2-00</u>	Ti	me: <u>10:47 A</u> 1	м
DOGM employee (name) <u>KRISTEN RISBECK</u>			Initiated call?
Spoke with:	•		
Name BERTHA SPENCER			Initiated call?
of (company/organization)BIA/WINDOW_ROCK_AZ		Phone no. (	520)871 <del>∂</del> 5938
THE OPERATOR (CURRENT LESSEE): RECOGNIZE	•	CO PRODUCTION	COMPANY. AMOCO
IS NOW RESPONSIBLE FOR THE ABOVE LEASE.  MS. SPENCER INFORMED ME THAT AMOCO IS P	LANNING ON PLUGGING	THE WELLS.	IAREQUESTED SOME
FORM OF DOCUMENTATION REGARDING THE INFORMAT		LETTER SHE SI	ENT TO KRYSTAL ENERG
(SEE ATTACHED)			
		•	

94)

### AUTOMATIC TELEFAX

DATE: February 3, 2000

LOCATION: BUREAU OF INDIAN AFFAIRS Navajo Area Office (Mail Code: 543) Window Rock, Arizona 86515
INFORMATION OR ASSISTANCE NO.: (520) 871-5938
NUMBER OF DOCUMENTS (Including cover sheet): _2
TO THE ATTENTION OF: Kirsten Risbeck - Utah Oil & Gas Mining
Office Phone Number: (801) 538-5281
TELEFAX NO.: (801) 359-3940
FROM: Bertha Spencer, Realty Specialist - Minerals & Mining Section  Office Phone Number: (520) 871-5938
Telefax Number: (520) 871-5943
MESSAGE OR INSTRUCTIONS: Attached is a copy of the letter that went to Krystal Energy. If you have any questions, you can call

FAXED BY: Den TIME: 11:00 fr

me at the above number.

# NAVAJO REGION P. O. BOX 1060 Gallup, New Mexico 87305-1060

**RRES/543** 

DEC 08 1999

#### CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Bruce Nicholson Krystal Energy P.O. Box 3897 Window Rock, Arizona 86515

Dear Mr. Nicholson:

We are returning the proposed Assignment of Mining Lease for Navajo Tribal Oil and Gas Lease No. 14-20-603-708 between Amoco Production Company and Krystal Energy, Inc. and the proposed Assignment of Oil and Gas Lease Operating Rights between Cross Creek Corporation and Krystal Energy, Inc., without action.

By letter dated October 20, 1999 from the Navajo Nation Minerals Department, we have been advised not to process the above proposed assignments for approval at this time because Krystal Energy is currently not eligible to obtain a lease under the Navajo Nation law and due to other concerns of the Navajo Nation.

Therefore, upon receipt of this notice, you are directed to immediately cease all operation on the above lease. By a copy of this letter, the current lessee, Amoco Production Company, is instructed to immediately take over operation of the subject lease.

If you have any questions, please contact Ms. Bertha Spencer, Realty Specialist at (520) 871-5938 or Birnal Shrestha of Navajo Nation Minerals Department office at (520) 871-6587

Sincerely,

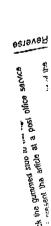
### GENNI DENETSONE

Regional Director

#### Enclosures

cc:

Amoco Production Company, POB 800, Denver, CO. 80222 - CERTIFIED MAIL Navajo Nation Minerals Department
Bureau of Land Management, Attn: Steve Mason, Farmington Field Office
Linda Taylor, SH/RES





Michael O. Leavitt Governor Kathleen Clarke Executive Director Lowell P. Braxton Division Director

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) 801-538-7223 (TDD)

431037,20134

March 3, 2000

Ms. Bertha Spencer Bureau of Indian Affairs Navajo Area Office (Mail Code: 543) Window Rock, Arizona 86515

Oil & Gas Operations on Lease No. 14-20-603-708 Re:

Dear Ms. Spencer:

It was recently brought to my attention that the B.I.A. has returned, without action, a proposed Assignment of Mining Lease for the above referenced Navajo Tribal Oil and Gas Lease between Amoco Production Company and Krystal Energy, Inc., along with a proposed Assignment of Oil and Gas Lease Operating Rights between Cross Creek Corporation and Krystal Energy, Inc. The Bureau has also instructed Amoco, as current lessee, to immediately take over operation of the lease.

The Division of Oil, Gas and Mining intends to contact Amoco to request that they commence submitting various production and status reports for wells located on this lease. Our files, however, do not contain any documentation regarding lease assignments, or of Amoco's involvement with this lease. I am therefore writing to request, if possible, that copies be sent to the Division of any B.I.A. records pertaining to the following matters:

- Documents that identify Amoco as the current lessee; 1.
- Documents that show which wells Amoco is responsible for (our records indicate that there 2. are three oil wells and three water disposal wells located in this lease area);
- Any monthly production and injection reports pertaining to the wells in this lease that are in 3. your possession or readily available to you for the reporting periods of April 1999 to present.

Page 2 Ms. Bertha Spencer Lease No. 14-20-603-708 March 3, 2000

Your assistance in obtaining copies of these records will be greatly appreciated. If there are costs or complications pertaining to this request, please feel free to contact me at 801-538-5275, or by email at dstaley@state.ut.us. Thank you very much.

Sincerely,

Don Staley

Information Services Manager

Oil and Gas

cc: J.R. Baza

K.D. Risbeck

Well Files:

South Ismay 1 (API 43-037-16269) 5-41S-26E

South Ismay 3 (API 43-037-20072) 5-41S-26E

South Ismay 4 (API 43-037-20087) 5-41S-26E

South Ismay 5 (API 43-037-20134) 5-41S-26E

Navajo A-1 (API 43-037-20117) 5-41S-26E

Navajo A-3 (API 43-037-20164) 5-41S-26E

Form 3160-5 (June 1990) DEPA	UNITED STATES ARTMENT OF THE INTERIOR	PORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
BURE	au of land management	5. Lease Designation and Serial No.
CHARDY N	OTICES AND REPORTS ON WELLS	14-20-603-708
	als to drill or to deepen or reentry to a different reservoir.	6. If Indian, Allows or Tribs Name
Use "APPLICAT	TION FOR PERMIT—" for such proposals	NAVAJO TRIBAL
1. Type of Weil	SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
Cil Gas Other		8. Well Name and No.
2. Name of Operator	MARY CORLEY	SOUTH ISMAY #5
AMOCO PRODUCTION COMPA		9. API Well No.
3. Address and Telephone No.		43-037-20134
P.O. BOX 3093 HOUSTON, TX 77253 (281)366-2548 44491  4. Location of Well (Feetage, Sec., T., R., M., or Survey Description)		10. Field and Pact, or Emploratory Area M.G., ELMO MESA
1980' FWL, 1980' FSL	SECTION 5, T-41S, R-26F	11. County or Parish, State
		SAN JUAN, UTAH
	E BOX(s) TO INDICATE NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abundonment	Change of Plans
TS1	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Frecturing
Final Abandonment Notice	Casing Regain	Water Shut-Off
	Other	Conversion to Injection Dispose Water
		(Note: Report results of multiple roughstion on Well Completion or Recompletion Report and Log form.)
BP-AMOCO PLUGGED AND A	of true vertical depths for all markers and zones pertinent to this work.)*  ABANDONED THE ABOVE WELL WETH THE PROPERTY OF THE	RECEIVED
	Approved as to playging of the well born."	FEB 0 4 2003 :
ENTERED	Liability under bond is retained until	DIV OF OIL, GAS & MINING
AFMSS	curiage rectoration is completed.	DIAYOF OLD
2007		<del></del>
1 1 2 2 1	OPTIONAL FORM 99 (7-90)	<del>-</del> ;
	FAX TRANSMITTAL # of pages > /2	
	To A From	<del>-</del>
	To Lisha Cordova Fron Stephen Missin	
	Dept/Agency Searce of Ural Phone # 305 599 6364	
	To Lisha Cordova Fron Stephen Missan  Dept./Agency Searce of Utala Phone # 305 599 6364  (Martial & 801 - 539 - 3940 Fex # 505 - 579 8997	
	To Lisha Cordova From Stephen Massa.  Dept./Agency Searce of Utah  Fax# 801-539-3940  Fax# 801-539-3940  Fax# 505-599 6364  Phone # 305-599 6364	
BY	To Lisha Cordova From Stephen Massa.  Dept./Agency Searce of Utah  Fax# 801-539-3940  Fax# 801-539-3940  Fax# 505-599 6364  Phone # 305-599 6364	
BY Sm-  14. I hereby certily that the foregoing is true and a Signed Many Color of the Color of	To Lisha Cordova Fron Stephin Masia  Dept./Agency Searce of Utal Phone # 305 599 6364  Fax # 801 - 539 - 3940 Fax # 505 - 599 8997  NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRA  Tidel Stephin Masia	Date 11/2/00
14. I hereby serilly just the foregoing is true and a Signed Many Carlos.	To Lisha Cordova Fron Stephen Masan  Dept./Agency Staffe of Utal  (Variety 18 801 - 539 - 3940 Fex # 505 - 599 6364  NSN 7540-01-317-7388 5099-101 GENERAL SERVICES ADMINISTRATED STAFFER STAF	
BY Sm-  14. I hereby certily that the foregoing is true and a Signed Signed (This space for Pyteral or State of the use)  Approved by	To Lisha Cordova Fron Stephin Masia  Dept./Agency Searce of Utal Phone # 305 599 6364  Fax # 801 - 539 - 3940 Fax # 505 - 599 8997  NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRA  Tidel Stephin Masia	PTED FOR RECORD

\*See Instruction on Rewires Alde

### P&A OPERATION CEMENT SERVICE REPORT

**WELL NAME: SOUTH ISMAY #5** 

TOTAL PLUGS SET: 5

DATE STARTED: 10-20-00

TOTAL SACKS USED: 415 sx32

DATE COMPLETED: 10-31-00

BLM WITNESS: M. WADE OPERATOR WITNESS: N/A

MOL AND RU RIG AND PLUGGING EQUIPMENT. NU RELIEF LINE AND BLED DOWN WELL. RU HOT OILER AND PRESSURE TEST TBG TO 500 PSI AND HELD. UNSEAT PUMP AND HOT OIL RODS. POH AND LD 236-7/8" RODS. ND WELLHEAD AND NU BOP. TEST BOP. POH AND STRAP 5971.04" OF 2 7/8" TBG.

#### PLUG #1 (ISMAY, 5740' - 5854').

RU WIRELINE AND RIH WITH 5 1/2" CIBP AND SET AT 5850'. POH. RIH OPEN ENDED WITH TBG AND TAGGED TOP OF CIBP. CIRCULATED HOLE CLEAN WITH WATER. ATTEMPTED TO PRESSURE TEST CASING BUT INJECTED AT 1 BPM WITH 200 PSI. BALANCED 15 SX CL. G CEMENT PLUG ON TOP OF CIBP. POH. RIH WITH WIRELINE AND TAGGED TOC AT 5705'.

#### PLUG #2 (HERMOSA, 4766' - 4960').

PUH AND PERFORATED SQUEEZE HOLES AT 4960'. POH. PU AND RIH WITH 5 ½" RETAINER AND SET AT 4896'. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 3 BPM WITH 1200 PSI, COMMUNICATED THROUGH CASING. MIXED 58 SX CL. G CEMENT PLUG, PLACING 43 SX BELOW AND 15 SX ABOVE RETAINER. POH. RIH WITH WIRELINE AND TAGGED TOC AT 4676'.

### PLUG #3 (DECHELLY, 3020' - 3120'),

PUH AND PERFORATED SQUEEZE HOLES AT 3120°. POH. PU AND RIH WITH 5 ½" RETAINER AND SET AT 3078°. ATTEMPTED TO PRESSURE TEST CSG BUT INJECTED AT 1 BPM WITH 200 PSI. STUNG INTO RETAINER AND ESTABLISHED INJECTION RATE AT 2 BPM WITH 1500 PSI. MIXED 48 SX CL, G CEMENT PLUG, PLACING 36 SX BELOW AND 12 SX ABOVE RETAINER. POH AND WOC. RIH WITH WIRELINE AND TAGGED TOC AT 2719°.

### PLUG #4 (CHINLE, NAVAJO, 1836' - 1968'),

PUH AND PERFORATED SQUEEZE HOLES AT 1968'. POH. PU AND RIH WITH 5 ½" RETAINER AND SET AT 1910'. ATTEMPTED TO PRESSURE TEST CSG BUT INJECTECTED AT 1 BPM WITH 200 PSI. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 3 BPM WITH 1000 PSI. MIXED 100 SX CL. G CEMENT PLUG, PLACING 85 SX BELOW AND 15 SX ABOVE RETAINER. POH. WOC. RIH WITH WIRELINE AND TAGGED TOC AT 1836'.

#### PLUG #5 (SHOE, SURFACE, 0' - 310')

PUH AND PERFORATED SQUEEZE HOLES AT 310'. POH. PU AND RIH WITH RETAINER AND SET AT 248'. CSG STILL DID NOT TEST. MIXED 194 SX CL. G CEMENT PLUG, PLACING 165 SX BELOW AND 29 SX ABOVE RETAINER TO CIRCULATE GOOD CEMENT TO SURFACE INSIDE AND OUTSIDE CASING. POH. RD FLOOR AND DUG CELLAR. CUT OFF WELLHEAD, CEMENT AT SURFACE. INSTALLED DRY HOLE MARKER. RD RIG AND MOL.

NATHAN E. CRAWFORD. P&A SUPERVISOR